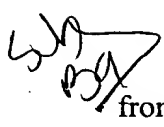ABSTRACT:

The present invention provides for a method of determining filter coefficients from Line Spectral Frequencies comprising recomputing $P(z)$ and $Q(z)$ polynomials and comprising calculating the ω_i coefficients, characterised by the steps of ordering the polynomials in a series and reducing the number of polynomials in ω_i in the said series by

5   combining the polynomials in ω_i two by two in a manner so as to arrive at two polynomials in ω_i and determining the product of the said two polynomials.